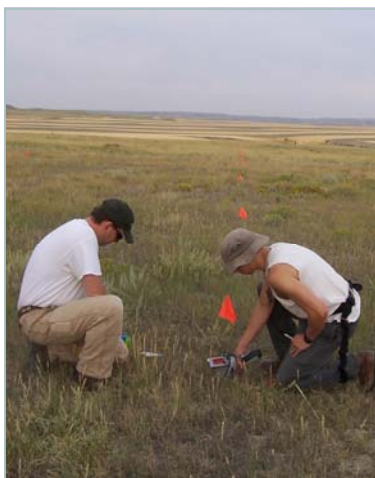


Sunburst Site Update

Texaco Sunburst Works Refinery Cleanup

September 2008



Lead sampling at a residential yard in Sunburst.

Recent Developments

Former Tank Farm Area

For two weeks in August 2008, Chevron conducted soil sampling to determine the extent of lead contamination near a residence in the former tank farm area. Findings indicate approximately five to six acres are impacted by lead, instead of the one-half acre previously indicated by Chevron. This increased the estimated volume of lead

contaminated soil to 8,000 to 9,000 cubic yards, rather than 400 cubic yards. This fall, work crews will remove soil contaminated with lead from the residential yard and surrounding area. Chevron will conduct the excavation work with oversight from the Montana Department of Environmental Quality (DEQ).

Community Outreach

DEQ's Project Officer for the Sunburst site gave a two hour presentation during a City Council meeting this summer. About 30 community residents and Council Members attended the presentation on July 22, 2008. Steve Opp, DEQ Environmental Science Specialist, updated the audience on new findings and the progress of the site investigation and cleanup.

For more information or to be added to the mailing list please contact:

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sopp@mt.gov
(406) 841-5069

Mary Ann Dunwell
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DEQ
mdunwell@mt.gov
(406) 841-5016

You can also call 1-800-246-8198 and ask for Steve or Mary Ann.

Web information:
www.deq.mt.gov

Next Steps

Remedial Investigation

DEQ required Chevron to complete a work plan for a Phase II Remedial Investigation at the Texaco Sunburst Works Refinery facility. A remedial investigation characterizes the nature and extent of contamination, collects data to assist in evaluating cleanup options, and assesses health and ecological risks. Chevron will continue to investigate and define contaminated areas within the former refinery area and the town. This will include the installation of soil borings and wells in the former tank farm area, around the edge of the facility, and in the town

area. Shallow and deep groundwater will be investigated. Surface and subsurface soils on the facility will be investigated for petroleum hydrocarbon, polynuclear aromatic hydrocarbons, volatile organic compounds and metal impacts. Other refinery-related operations, including the former Snowcap Refinery, the railroad loading areas that were associated with the refineries, and all former tank berms are potential source areas. Chevron will also be conducting interim actions at the facility. These include excavation of lead-impacted soils at a resi-

dence. Removal of petroleum floating on groundwater is continuing.

Vapor Intrusion

DEQ will be sending letters to residents who had samples collected from their properties. Based upon DEQ's evaluation of the data, DEQ will require Chevron to conduct further vapor intrusion sampling in a portion of the town during the winter months. Depending on the results of the sampling, DEQ may require Chevron to install mitigation systems in certain houses.



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The Montana Department of Environmental Quality's mission is to protect, sustain, and improve a clean and healthful environment to benefit present and future generations.

Sunburst Site Update

Community Information from the MT DEQ

The Montana Department of Environmental Quality (DEQ) would like to welcome you to *Sunburst Site Update*, a brief summary of recent developments and next steps in the investigation and cleanup of contamination in your community of Sunburst.

In the future, DEQ plans to distribute postcard updates on a regular basis to provide information to you about the ongoing investigation.

DEQ encourages you to share this information with others.
We welcome your input. Thank you.



Vapor intrusion sampling at a residence in Sunburst.

Check out the fact sheet link: <http://deq.mt.gov/OtherPublicDocs/REM/Sunburst/TSWRFactSheet0708Final.pdf>